

**Attachment for PTO-948 (Rev. 03/01, or earlier)**  
**6/18/01**

**The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.**

**INFORMATION ON HOW TO EFFECT DRAWING CHANGES**

**1. Correction of Informalities -- 37 CFR 1.85**

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

**2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.**

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

**Timing of Corrections**

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.

9/025,872

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawings are filed on date 4-5-01 in:

A. ☐ Application for the invention, serial number 37 CFR 1.84(a)(1).

B. ☒ Supplemental drawings or amendments to the drawings filed on the merits and, if necessary, the Examiner will require submission of the supplemental drawings and amendments to the drawings must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS 37 CFR 1.84(a) Acceptable and unacceptable drawings</p> <p>Black ink only</p> <p><input type="checkbox"/> For drawings are not acceptable and proper is not for</p> <p><input type="checkbox"/> Lines</p> <p><input type="checkbox"/> Penetration marks are not permitted. Figure</p> <p>2. PHOTOGRAPHS 37 CFR 1.84(b)</p> <p><input type="checkbox"/> Full tone set is required. Figure</p> <p><input type="checkbox"/> Photographs may not be modified. 37 CFR 1.84(c)</p> <p><input type="checkbox"/> Photographs that are not for</p> <p>3. TYPE OF PAPER 37 CFR 1.84(c)</p> <p><input type="checkbox"/> Paper not acceptable and proper is not for</p> <p><input type="checkbox"/> Lines</p> <p><input type="checkbox"/> Lines are not acceptable and proper is not for</p> <p><input type="checkbox"/> Marks on paper are not acceptable and proper is not for</p> <p>4. SIZE OF PAPER 37 CFR 1.84(d) Acceptable sizes</p> <p><input type="checkbox"/> 21 cm by 29.7 cm (A4 size)</p> <p><input type="checkbox"/> 21 cm by 27.9 cm (8.27 x 11 inches)</p> <p><input type="checkbox"/> A drawing sheet of the same size</p> <p><input type="checkbox"/> Sheet</p> <p><input type="checkbox"/> Drawing sheet is not acceptable size. Figure</p> <p>5. MARGINS 37 CFR 1.84(e) Acceptable margins</p> <p>Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm</p> <p>SIZE: A4 Size</p> <p>Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm</p> <p>SIZE: 8.27 x 11</p> <p>Margins not acceptable. Figure <u>1, 3, 4</u></p> <p><input type="checkbox"/> Top (T)</p> <p><input checked="" type="checkbox"/> Right (R)</p> <p><input type="checkbox"/> Bottom (B)</p> <p>6. REVIEW 37 CFR 1.84(f)</p> <p>REVIEWER Specification may require revision or correction and/or drawing changes</p> <p>Partial views 37 CFR 1.84(b)(3)</p> <p><input type="checkbox"/> Tracks needed to show feature is one entity</p> <p><input type="checkbox"/> Figure</p> <p><input type="checkbox"/> Views not able to be separated properly</p> <p><input type="checkbox"/> Figure</p> <p><input type="checkbox"/> Unrelated views not able to be separated properly</p> <p><input type="checkbox"/> Figure</p> <p>SECTIONAL VIEWS 37 CFR 1.84(g)</p> <p><input type="checkbox"/> Section not in proper section or portions of object cut</p> <p><input type="checkbox"/> Figure</p> <p><input type="checkbox"/> Sectioning symbol should be marked with Arabic or Latin characters. Figure</p>	<p>8. ARRANGEMENT OF VIEWS 37 CFR 1.84(h)</p> <p><input type="checkbox"/> Words do not appear in a horizontal, left to right fashion when page is either up right or turned so that the top of the page is the right side, except for graphs. Figure</p> <p>9. SCALE 37 CFR 1.84(i)</p> <p><input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction</p> <p><input type="checkbox"/> Figure</p> <p>10. CHARACTER OF LINES, NUMBERS &amp; LETTERS 37 CFR 1.84(j)</p> <p><input type="checkbox"/> Lines, numbers &amp; letters are not uniformly thick and well defined, clean, durable, and black upon line quality</p> <p><input type="checkbox"/> Figure</p> <p>11. HATCHING 37 CFR 1.84(k)</p> <p><input type="checkbox"/> Hatch black or as pale. Figure</p> <p><input type="checkbox"/> Solid black shading not permitted. Figure</p> <p><input type="checkbox"/> Hatch lines pale, rough and blurred. Figure</p> <p>12. CHARACTERS, LETTERS, &amp; REFERENCE CHARACTERS 37 CFR 1.84(l)</p> <p><input type="checkbox"/> Numbers and reference characters not plain and legible</p> <p><input type="checkbox"/> Figure</p> <p><input type="checkbox"/> Figure legend or caption. Figure</p> <p><input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)</p> <p><input type="checkbox"/> Figure</p> <p><input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2)</p> <p><input type="checkbox"/> Figure</p> <p><input type="checkbox"/> Capital letters and reference characters must be at least 2 mm (.08 inch) in height. 37 CFR 1.84(p)(3)</p> <p><input type="checkbox"/> Figure</p> <p>13. LEADING LINES 37 CFR 1.84(q)</p> <p><input type="checkbox"/> Leading lines cross each other. Figure</p> <p><input type="checkbox"/> Leading lines missing. Figure</p> <p>14. COMPLETION OF SHEETS OF DRAWINGS 37 CFR 1.84(r)</p> <p><input type="checkbox"/> Sheets not numbered consecutively (and in Arabic numerals) beginning with number 1. Sheet(s)</p> <p>15. COMPLETION OF VIEWS 37 CFR 1.84(u)</p> <p><input type="checkbox"/> Views not numbered consecutively (and in Arabic numerals) beginning with number 1. Figure</p> <p>16. CORRECTIONS 37 CFR 1.84(v)</p> <p><input type="checkbox"/> Corrections not made from prior PTO 948</p> <p><input type="checkbox"/> not</p> <p>17. DEDUCE DRAWINGS 37 CFR 1.152</p> <p><input type="checkbox"/> Surface shading shown not appropriate. Figure</p> <p><input type="checkbox"/> Solid black shading not used for color contrast</p> <p><input type="checkbox"/> Figure</p>
<p>COMMENTS</p>	

REVIEWER

J. CHASE

DATE 7-16-02

TELEPHONE NO. 703 305 8430

ATTACHMENT TO PAPER NO. 7

## REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

## INFORMATION ON HOW TO EFFECT DRAWING CHANGES

### 1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

### 2. Timing for Corrections

Applicant is required to submit **acceptable** corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37).

Failure to take corrective action within set period will result in **ABANDONMENT** of the Application.

### 3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.